



LAFAYETTE FIRE DEPARTMENT

Vehicle Impact Protection

IFC 312.1 General. Vehicle impact protection required by this code shall be provided by posts that comply with Section 312.2 or by other approved physical barriers that comply with Section 312.3.

312.2 Posts. Guard posts shall comply with all of the following requirements:

1. Constructed of steel not less than 4 inches in diameter and concrete filled.
2. Spaced not more than 4 feet between posts on center.
3. Set not less than 3 feet deep in a concrete footing of not less than a 15 inch diameter.
4. Set with the top of the posts not less than 3 feet above ground.
5. Located not less than 3 feet from the protected object.

312.3 Other barriers. Physical barriers shall be a minimum of 36 inches in height and shall resist a force of 12,000 pounds applied 36 inches above the adjacent ground surface.

Fire Hydrants

508.5.6 Physical Protection. Where fire hydrants are subject to impact by a motor vehicle, guard posts or other approved means shall comply with Section 312.

Gas Meters

603.9 Gas Meters. Above-ground gas meters, regulators, and piping subject to damage shall be protected by a barrier complying with Section 312 or otherwise protected in an approved manner.

Compressed Gas Containers

3003.5.2 Physical Protection. Compressed gas containers, cylinders, tanks and systems which could be exposed to physical damage shall be protected. Guard posts or other approved means shall be provided to protect compressed gas containers, cylinders, tanks and systems indoors and outdoors from vehicular damage shall comply with Section 312.

Flammable and Combustible Liquid Storage Tanks

3404.4.5 Protection from Vehicles. Guard posts or other means shall be provided to protect exterior storage tanks from vehicular damage. When guard posts are installed, the posts shall be installed in accordance with Section 312.

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